

PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

	Application Number	10587119
	Filing Date	08-29-2006
	First Named Inventor	JORDI SOLER CASTANY
	Art Unit	2821
	Examiner Name	NOT YET ASSIGNED Nguyen
	Attorney Docket Number	68349-00026USPX

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
HN	1	6963310	B2	2005-11-08	HORITA	

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U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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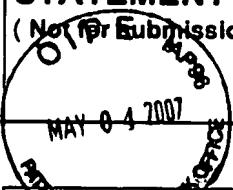
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FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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NON-PATENT LITERATURE DOCUMENTS

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for Submission under 37 CFR 1.99)



Application Number	10/587119
Filing Date	8/29/07
First Named Inventor	Jordi Soler Carrasco
Art Unit	2821
Examiner Name	Nguyen
Attorney Docket Number	68349 - 00026 USPX

Examiner Initials*	No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
HN	1	NING HUA ZHU et al, New algorithms of the TSM and Tom methods for calibrating microwave test fixtures, Microwaves and optical technology letters, July 2002, vol. 34, num 1	<input type="checkbox"/>
HN	2	HAO CHUN TUNG et al, Printed dual-band monopole antenna for 2.4/5.2 GHz WLAN access point, Microwaves and optical technology letters, November 2002, vol. 35, num 4	<input type="checkbox"/>
HN	3	CHIH-MING SU et al, Dual-band slot for 2.4/5.2 GHz WLAN operation, Microwaves and optical technology letters, November 2002, vol. 35, num 4	<input type="checkbox"/>

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5

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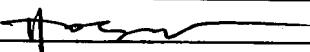
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STATEMENT BY APPLICANT**
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Application Number	10/587119
Filing Date	8/29/06
First Named Inventor	Jordi Soder castany
Art Unit	2821
Examiner Name	Nguyen
Attorney Docket Number	

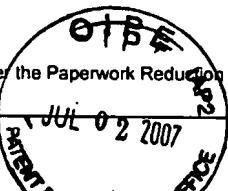
HJ	1	NING HUA ZHU, New algorithms of the TSM and Tom methods for calibrating microwave test fixtures, Microwaves and Optical Technology Letters, July 2002, vol. 34, num. 1	<input type="checkbox"/>
HJ	2	YEH, Integrated f-shaped monopole antenna for 2.4/5.2 GHz dual-band operation, Microwave and Optical Technology Letters, July 2002, vol. 34, no. 1	<input type="checkbox"/>

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<p>¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.</p>			

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U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
+n	1	6429820	B1	2002-08-06	THURSBY	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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			<input type="checkbox"/>

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	Filing Date	2006-08-29
	First Named Inventor	JORDI SOLER CASTANY
	Art Unit	2821
	Examiner Name	NOT YET ASSIGNED <i>P. Nguyen</i>
	Attorney Docket Number	68349-00026USPX

+H	1	SIM et al., A wideband monopole antenna for PCS/IMT-2000/Bluetooth applications, IEEE Antennas and Wireless Propagation Letters, 2004, Vol. 3	<input type="checkbox"/>
+H	2	ALI et al. A uniquely packaged internal inverted-F antenna for bluetooth or wireless LAN application, IEEE Antennas and Wireless Propagation Letters, 2002, vol. 1	<input type="checkbox"/>
+H	3	GUO et al. Compact internal multiband antennas mobile handsets, IEEE Antennas and Wireless Propagation Letters, 2003, vol.2	<input type="checkbox"/>

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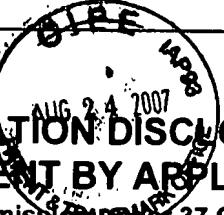
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Examiner Signature	<i>[Signature]</i>	Date Considered	10/17/07
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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Not for submission under 37 CFR 1.99)</small>		Application Number		10587119	
		Filing Date		2006-07-21	
		First Named Inventor		JORDI SOLER CASTANY	
		Art Unit		2821	
		Examiner Name		NOT YET ASSIGNED <i>DNguyen</i>	
		Attorney Docket Number		68349-00026USPX	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
+N	1	7068230	B2	2006-06-27	QI	
	2	7148849	B2	2006-12-12	LIN	
	3	7057560	B2	2006-06-06	ERKICEVIC	
↓	4	6683571	B2	2004-01-27	GHOSH	
+N	5	6806834	B2	2004-10-19	YOON	

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U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
+N	1	20060033668	A1	2006-02-16	RYU	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>		Application Number	10587119
		Filing Date	2006-07-21
		First Named Inventor	JORDI SOLER CASTANY
		Art Unit	2821
		Examiner Name	NOT YET ASSIGNED <i>Nguyen</i>
		Attorney Docket Number	68349-00026USPX

+N	2	20050237244	A1	2005-10-27	ANNABI	
	3	20040212545	A1	2004-10-28	LI	
	4	20060082504	A1	2006-04-20	CHEN	
	5	20040090372	A1	2004-05-13	NALLO	
	6	20040140938	A1	2004-07-22	KADAMBI	
↓	7	20050007279	A1	2005-01-13	CHANG	
+N	8	20030122718	A1	2003-07-03	FANG	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
+N	1	2005076407	WO	A2	2005-08-18	FRACTUS SA		<input type="checkbox"/>
+N	2	1294048	EP	A2	2003-03-19	KABUSHIKI KAISHA TOSHIBA MINATO-KU		<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>			Application Number	10587119		
			Filing Date	2006-07-21		
			First Named Inventor	JORDI SOLER CASTANY		
			Art Unit	2821		
			Examiner Name	NOT YET ASSIGNED <i>Nayyan</i>		
			Attorney Docket Number	68349-00026USPX		

<i>HN</i>	3	2005099041	WO	A1	2005-10-20	KONINKLIJKE PHILIPS ELECTRONICS NV	<input type="checkbox"/>
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<i>HN</i>	1	SOLER CASTANY, Novel multifrequency and small monopole antenna techniques for wireless and mobile applications [DoctoralTesis], Universitat Politècnica de Catalunya, Fractus, Dec. 2004	<input type="checkbox"/>
<i> </i>	2	WU et al. A planar meander-line antenna for triple-band operation of mobile handsets, Microwave Optical Technology Letters, June 2004, Vol. 41, Num. 5	<input type="checkbox"/>
<i> </i>	3	CHO et al. A wideband internal antenna with dual monopole radiation elements, IEEE Antennas and Wireless Propagation Letters, 2005, Vol. 4	<input type="checkbox"/>
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<i>HN</i>	5	WONG, Planar antennas for wireless communications, Wiley-Interscience, 2003	<input type="checkbox"/>

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	Art Unit	2821
	Examiner Name	NOT YET ASSIGNED <i>Nguyen</i>
	Attorney Docket Number	68349-00026USPX

EXAMINER SIGNATURE

Examiner Signature	<i>Horn</i>	Date Considered	10/17/07
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ALTERNATIVE TO PTO/SB/08A/B (09/06)

Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/587,119
				Filing Date	July 21, 2006
				First Named Inventor	Jordi Soler Castany
				Art Unit	N/A 282
				Examiner Name	Not Yet Assigned <i>[Signature]</i>
Sheet	1	of	1	Attorney Docket Number	68349-00026USPX

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code ² (if known)			
+HJ	A1*	US-6,130,651	10-10-2000	Yanagisawa et al.	
+HJ	A2*	US-6,337,667	01-08-2002	Ayala et al.	
+HJ	A3*	US-6,459,413-A1	10-01-2002	Tseng et al.	
+HJ	A4*	US-6,864,854-A1	03-08-2005	Dai et al.	
+HJ	A5*	US-20030132883-A1	07-17-2003	Wong et al.	
+HJ	A6*	US-20060033668-A1	02-16-2006	Ryu	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
+HJ	B1	EP-1324423	07-02-2003	Sony International (Europe) Gmbh	
+HJ	B2	WO-03/041216	05-15-2003	Skycross Inc	

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	68349-00026USPX
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		Number-Kind Code ³ (if known)			
HN	A1*	US-5,870,066	02-09-1999	Asakura et al.	
	A2*	US-5,990,838	11-23-1999	Burns et al.	
	A3*	US-6,166,694	12-26-2000	Ying	
	A4*	US-6,307,511	10-23-2001	Ying et al.	
	A5*	US-6,329,962	12-11-2001	Ying	
	A6*	US-6,456,245	09-24-2002	Crawford	
	A7*	US-2002/0175866	11-28-2002	Gram	
	A8*	US-2004/0014428	01-22-2004	Franca-Neto	
HN	A9*	US-2004/0095289	05-20-2004	Bae et al.	

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HN	B1	WO-99/56345	11-04-1999	Intenna Technology AB	
	B2	WO-00/77884	12-21-2000	Harada Industries (Europe) Limited	
	B3	WO-01/48861	07-05-2001	Allgon AB	
	B4	WO-01/54225	07-26-2001	Fractus, S.A.	
	B5	WO-2004/010531	01-29-2004	Fractus, S.A.	
	B6	WO-2004/042868	05-21-2004	Fractus, S.A.	
	B7	WO-01/11721	02-15-2001	Allgon AB	
HN	B8	JP-2001-217632	08-10-2001	Matsushita Electric Ind. Co. Ltd.	✓

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HN	C1	PLICANIC, Vanja, "Antenna Diversity Studies and Evaluation", Master Thesis, Department of Electromechanics, Lund University, May 2004, 72 pages	
HN	C2	PUENTE, C. et al., "Multiband Properties of a Fractal Tree Antenna Generated by Electrochemical Deposition", Electronic Letters, December 5, 1996, vol. 32, no. 25, pages 2298-2299	

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DALLAS2 1209038v1 68349-00026USPX

AP20 Rec'd PCT/PTO 21 JUL 2006

IN LIEU OF PTO-SB/08.

Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	Not Yet Assigned <i>447187119</i>
				Filing Date	Concurrently Herewith <i>8/29/06</i>
				First Named Inventor	Jordi Soler Castany
				Art Unit	N/A 2821
				Examiner Name	Not Yet Assigned <i>Nguyen</i>
Sheet	1	of	1	Attorney Docket Number	68349-00026USPX

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		Number-Kind Code ² (if known)			
HN	A1*	US-20030210187-A1	11-13-2003	Wong et al.	
HN	A2*	US-4,356,492	10-26-1982	Kaloi	
HN	A3*	US-20040217916-A1	11-04-2004	Quintero Illera et al.	
HN	A4*	US-20020140615	10-03-2002	Carles et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
HN	B1	EP-1 367 671	12-03-2003	NGK Spark Plug Co., LTD	
HN	B2	WO-02/078123	10-03-2002	Telefonaktiebolaget LM Ericsson (publ)	
HN	B3	WO-03/023900	03-20-2003	Fractus, SA	
HN	B4	JP-2003-347828	12-05-2003	Sony Corp.	abs

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²	

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Examiner Signature	<i>Nguyen</i>	Date Considered	10/17/07
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